by a first thermally conductive wall and a plurality of secondary thermally conductive walls and is manipulable relative to said housing to facilitate entry and removal of said corresponding medical item within said system;

a temperature sensor for measuring a temperature of said heating chamber; and

a heater for applying heat to said first wall of each said receptacle;

wherein said secondary walls of said each receptacle are arranged to conduct heat from the first wall of said each receptacle and distribute said conducted heat about said corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature; and

a controller to facilitate entry of said desired temperature for said heating chamber and to control said heater to heat said at least one medical item to said desired temperature in response to said temperature measured by said temperature sensor.

2(Amended). [The system of claim 1 wherein said heating chamber further includes] A temperature control system for heating medical items to desired temperatures comprising:

a system housing;

a heating chamber disposed within said housing for receiving at least one medical item and heating said at least one medical item to a desired temperature, wherein said heating chamber includes:

at least one receptacle each for receiving a corresponding medical item and heating said corresponding medical item to said desired temperature, wherein said each receptacle is defined by a first thermally conductive wall and a plurality of secondary thermally conductive walls;

a temperature sensor for measuring a temperature of said heating chamber;

a heater for applying heat to said first wall of each said receptacle; and

a drawer having said at least one receptacle and a pivoting mechanism for pivoting said drawer relative to said housing to facilitate entry and removal of said drawer within said system;

wherein said secondary walls of said each receptacle are arranged to conduct heat from the first wall of said each receptacle and distribute said conducted heat about said corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature; and

a controller to facilitate entry of said desired temperature for said heating chamber and to control said heater to heat said at least one medical item to said desired temperature in response to said temperature measured by said temperature sensor.

5(Amended). [The system of claim 1 further including:] A temperature control system for heating medical items to desired temperatures comprising:

a system housing;

a plurality of heating chambers disposed within said housing each for receiving at least one medical item and heating said at least one medical item to a corresponding desired temperature, wherein said each heating chamber includes:

at least one receptacle each for receiving a corresponding medical item and heating said corresponding medical item to said corresponding desired temperature, wherein said each receptacle is defined by a first thermally conductive wall and a plurality of secondary thermally conductive walls;

a temperature sensor for measuring a temperature of that heating chamber; and

a heater for applying heat to said first wall of each said receptacle;

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wherein said secondary walls of said each receptacle are arranged to conduct heat from the first wall of said each receptacle and distribute said conducted heat about said corresponding medical item contained within that receptacle to heat said corresponding medical item to said corresponding desired temperature; and

a plurality of controllers each associated with a respective heating chamber to facilitate entry of a desired temperature for that heating chamber and to control said heater of said respective heating chamber to heat at least one medical item contained within that heating chamber to said corresponding desired temperature in response to a temperature measured by said temperature sensor associated with said respective heating chamber [a plurality of said heating chambers each for receiving at least one medical item and heating said at least one medical item to a corresponding desired temperature; and

a plurality of controllers each associated with a respective heating chamber to facilitate entry of a desired temperature for that heating chamber and to control said heater of said respective heating chamber to heat at least one medical item contained within that heating chamber to said corresponding desired temperature in response to a temperature measured by said temperature sensor associated with said respective heating chamber].

8(Amended). [The system of claim 7] A temperature control system for heating medical items to desired temperatures comprising:

a system housing;

a plurality of heating chambers disposed within said housing each for receiving at least one medical item and heating said at least one medical item to a corresponding desired temperature, wherein at least two of said heating chambers are associated with different respective desired

temperatures and said each heating chamber includes:

at least one receptacle each for receiving a corresponding medical item and heating said corresponding medical item to said corresponding desired temperature, wherein said each receptacle is defined by a first thermally conductive wall and a plurality of secondary thermally conductive walls;

a temperature sensor for measuring a temperature of that heating chamber; and

a heater for applying heat to said first wall of each said receptacle;

wherein said secondary walls of said each receptacle are arranged to conduct heat from the first wall of said each receptacle and distribute said conducted heat about said corresponding medical item contained within that receptacle to heat said corresponding medical item to said corresponding desired temperature; and

a controller to facilitate entry of a desired temperature for each heating chamber and to control said heater of said each heating chamber to heat said at least one medical item contained within that heating chamber to said corresponding desired temperature in response to a temperature measured by said temperature sensor associated with that heating chamber.

9(Amended). [The system of claim 1 further including] A temperature control system for heating medical items to desired temperatures comprising:

a system housing;

medical equipment fastened to said system housing;

a heating chamber disposed within said housing for receiving at least one medical item and heating said at least one medical item to a desired temperature, wherein said each heating chamber includes:

at least one receptacle each for receiving a corresponding medical item and heating said corresponding medical item to said desired temperature, wherein said each receptacle is defined by a first thermally conductive wall and a plurality of secondary thermally conductive walls;

a temperature sensor for measuring a temperature of said heating chamber; and

a heater for applying heat to said first wall of each said receptacle;

wherein said secondary walls of said each receptacle are arranged to conduct heat from the first wall of said each receptacle and distribute said conducted heat about said corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature; and

a controller to facilitate entry of said desired temperature for said heating chamber and to control said heater to heat said at least one medical item to said desired temperature in response to said temperature measured by said temperature sensor.

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10(Amended). [The system of claim 1 further including] A temperature control system for heating medical items to desired temperatures comprising:

a system housing;

a heating chamber disposed within said housing for receiving at least one medical item and heating said at least one medical item to a desired temperature, wherein said heating chamber includes:

at least one receptacle each for receiving a corresponding medical item and heating said corresponding medical item to said desired temperature, wherein said each receptacle is defined by a first thermally conductive wall and a plurality of secondary thermally conductive walls;

a temperature sensor for measuring a temperature of said heating chamber; and

a heater for applying heat to said first wall of each said receptacle;

wherein said secondary walls of said each receptacle are arranged to conduct heat from the first wall of said each receptacle and distribute said conducted heat about said corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature;

a controller to facilitate entry of said desired temperature for said heating chamber and to control said heater to heat said at least one medical item to said desired temperature in response to said temperature measured by said temperature sensor; and

a support mechanism to suspend said system from a support structure.

18(Amended). In a temperature control system including a system housing and a heating chamber disposed within said housing and having at least one receptacle for receiving a corresponding medical item, wherein each receptacle is defined by a first thermally conductive wall and a plurality of secondary thermally conductive walls and is manipulable relative to said housing to facilitate entry and removal of said corresponding medical item within said system, a method of heating medical items to a desired temperature comprising the steps of:

(a) receiving at least one medical item within said at least one receptacle in response to manipulation of said at least one receptacle relative to said housing;

(b) measuring a temperature of said heating chamber via a temperature sensor;

(c) applying heat to said first wall of each receptacle via a heater;

(d) conducting heat from said first wall of each receptacle, via respective secondary walls, to distribute said conducted heat about a corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature; and

(e) facilitating entry of said desired temperature for said heating chamber, via a controller, and controlling said heater to heat said at least one medical item to said desired temperature in response to said temperature measured by said temperature sensor.

19(Amended). [The method of claim 18 wherein said heating chamber further includes] In a temperature control system including a system housing, a heating chamber disposed within said housing and having at least one receptacle for receiving a corresponding medical item and a drawer having said at least one receptacle, [and] wherein each receptacle is defined by a first thermally conductive wall and a plurality of secondary thermally conductive walls, a method of heating medical items to a desired temperature comprising the steps of:

(a) receiving at least one medical item within said at least one receptacle, wherein step (a) further includes:

(a.1) pivoting said drawer relative to said housing to facilitate entry and removal of said drawer within said system;

(b) measuring a temperature of said heating chamber via a temperature sensor;

(c) applying heat to said first wall of each receptacle via a heater;

(d) conducting heat from said first wall of each receptacle, via respective secondary walls, to distribute said conducted heat about a corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature; and

(e) facilitating entry of said desired temperature for said heating chamber, via a controller, and controlling said heater to heat said at least one medical item to said desired temperature in response to said temperature measured by said temperature sensor.

23(Amended). [The method of claim 22] In a temperature control system including a system housing, a plurality of heating chambers each disposed within said housing and having at least one receptacle for receiving at least one medical item and a plurality of controllers associated with corresponding heating chambers, wherein each receptacle is defined by a first thermally conductive wall and a plurality of secondary thermally conductive walls, a method of heating medical items to a desired temperature comprising the steps of:

(a) receiving said at least one medical item within each heating chamber;

(b) measuring a temperature of each heating chamber via a corresponding temperature sensor;

(c) applying heat within each heating chamber, via a corresponding heater, to said first wall of each heating chamber receptacle;

(d) conducting heat from said first wall of each heating chamber receptacle, via respective secondary walls, to distribute said conducted heat about a corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature; and

(e) facilitating entry of said desired temperature for each heating chamber, via a corresponding controller, and controlling said heater of said corresponding heating chamber to heat said at least one medical item contained within that heating chamber to said corresponding desired temperature in response to a temperature measured by said temperature sensor associated with said corresponding heating chamber, wherein step (e) further includes:

[(e.2)] (e.1) entering different desired temperatures for at least two of said heating chambers.

24(Amended). [The method of claim 18 further including a plurality of said heating chambers each for receiving at least one medical item, and step (a) further includes:

(a.1) receiving said at least one medical item within each said heating chamber;

step (b) further includes:

(b.1) measuring a temperature of each heating chamber via a corresponding temperature sensor;

step (c) further includes:

(c.1) applying heat within each heating chamber, via a corresponding heater, to said first wall of each heating chamber receptacle;

step (d) further includes:

(d.1) conducting heat from said first wall of each heating chamber receptacle, via respective secondary walls, to distribute said conducted heat about a corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature; and

step (e) further includes:

(e.1) facilitating entry of a desired temperature for each heating chamber, via said controller, and controlling said heater of each said heating chamber to heat said at least one medical item contained within that heating chamber to said corresponding desired temperature in response to a temperature measured by said temperature sensor associated with that heating chamber] In a temperature control system including a system housing, a plurality of heating chambers each disposed within said housing and having at least one receptacle for receiving at least one medical item, wherein each receptacle is defined by a first thermally conductive wall and a plurality of secondary thermally conductive walls, a method of heating medical items to a desired temperature comprising the steps of:

(a) receiving said at least one medical item within each heating chamber;

(b) measuring a temperature of each heating chamber via a corresponding temperature

sensor;

(c) applying heat within each heating chamber, via a corresponding heater, to said first wall of each heating chamber receptacle;

(d) conducting heat from said first wall of each heating chamber receptacle, via respective secondary walls, to distribute said conducted heat about a corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature; and

(e) facilitating entry of a desired temperature for each heating chamber, via a controller, and controlling said heater of each said heating chamber to heat said at least one medical item contained within that heating chamber to said corresponding desired temperature in response to a temperature measured by said temperature sensor associated with that heating chamber.

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25(Amended). The method of claim 24 wherein step (e) further includes:

[(e.2)] (e.1) entering different desired temperatures for at least two of said heating chambers.

26(Amended). [The method of claim 18] In a temperature control system including a system housing and a heating chamber disposed within said housing and having at least one receptacle for receiving a corresponding medical item, wherein each receptacle is defined by a first thermally conductive wall and a plurality of secondary thermally conductive walls, a method of heating medical items to a desired temperature comprising the steps of:

(a) receiving at least one medical item within said at least one receptacle, wherein step (a) further includes:

(a.1) fastening medical equipment to said housing;

(b) measuring a temperature of said heating chamber via a temperature sensor;

(c) applying heat to said first wall of each receptacle via a heater;

(d) conducting heat from said first wall of each receptacle, via respective secondary walls, to distribute said conducted heat about a corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature; and

(e) facilitating entry of said desired temperature for said heating chamber, via a controller, and controlling said heater to heat said at least one medical item to said desired temperature in response to said temperature measured by said temperature sensor.

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27(Amended). [The method of claim 18 wherein said system further includes] In a temperature control system including a system housing, a heating chamber disposed within said housing and having at least one receptacle for receiving a corresponding medical item and a support mechanism, [and] wherein each receptacle is defined by a first thermally conductive wall and a plurality of secondary thermally conductive walls, a method of heating medical items to a desired temperature comprising the steps of:

(a) receiving at least one medical item within said at least one receptacle, [and] wherein step (a) further includes:

(a.1) suspending said system from a support structure via said support mechanism;

(b) measuring a temperature of said heating chamber via a temperature sensor;

(c) applying heat to said first wall of each receptacle via a heater;

(d) conducting heat from said first wall of each receptacle, via respective secondary walls, to distribute said conducted heat about a corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature; and

(e) facilitating entry of said desired temperature for said heating chamber, via a controller,

and controlling said heater to heat said at least one medical item to said desired temperature in response to said temperature measured by said temperature sensor.

34(Amended). In a temperature control system having at least one receptacle each for receiving a corresponding medical item, wherein each said receptacle is defined by a plurality of walls and is manipulable relative to said housing to facilitate entry and removal of said corresponding medical item within said system, a method of heating medical items to a desired temperature comprising the steps of:

(a) receiving at least one medical item within said at least one receptacle in response to manipulation of said at least one receptacle relative to said housing; and

[(a)] (b) applying heat to a first wall of each said receptacle and conducting said applied heat from said first wall to remaining walls of that receptacle to distribute said conducted heat about a corresponding medical item contained within that receptacle to heat said corresponding medical item to said desired temperature.--